

1180890,811

FIGURE 1

```
SEQ ID NO:06      *** * *      **      ****      **      **      ***      ** *
MASSTGGLDH-----GTF-TPPPFITSTELLSGGGDLLGAGGEERSPRGFSRGG
SEQ ID NO:08      *** * *      **      ****      **      **      ***      ** *
MASSTGGLDH-----GTF-TPPPFITSTELLSGGGDLLGAGGEERSPRGFSRGG
SEQ ID NO:10      *** * *      **      ****      **      **      ***      ** *
MASSGSLDTSASANSFTNFTSTHPMTTFSDDLASP-----LDNNKPPQGGI-----S
SEQ ID NO:13      *** * *      **      ****      **      **      ***      ** *
MAASSGTIDAPTASSFS---FSTASSFMSSFTDLLASD-----AYSGGSVSRGLG-DRIA
1
60

* * * * *      * * * * *      * * * * *      * * * * *      * * * * *      * * * * *
ARVGGVPKFKSAQPPSLPSPPVSPSSYFAIPPGLSPTTELLDSPVLLSSSHILAFPTT
SEQ ID NO:06
ARVGGVPKFKSAQPPSLPSPPVSPSSYFAIPPGLSPTTELLDSPVLLSSSHILASPTT
SEQ ID NO:08
ERTGSGVPKFKSTPPPSLPSPPISPSYFAIPPGLSPAELLDSPVLLSSNILLPSPTT
SEQ ID NO:10
ERTGSGVPKFKSLPPPSLPLSSPAVSPSSYFAIPPGLSPELLDSPVLLSSNILLPSPTT
SEQ ID NO:13
61
120

* * * * *      * * * * *      * * * * *      * * * * *      * * * * *      * * * * *
GAIPAQRYDWKASA---DLIASQQDDSRGDFSFHTNSDAMAAQPAFSPS-----
SEQ ID NO:06
GAIPAQRYDWKASA---DLIASQQDDSRGDFSFHTNSDAMAAQPAFSPS-----
SEQ ID NO:08
GAFVAQSFENWKSSGGNQIIVKEEDKSFNSFQTRSGPPASSTATYQSSNVTVQTQQPW
SEQ ID NO:10
GTFPAQTFNWKNDNSAQEDVKQEEKGYPDFSFQT-----NSASMTLN-----
SEQ ID NO:13
121
180

* * * * *      * * * * *      * * * * *      * * * * *      * * * * *      * * * * *
-FKEQEQQVVESSKNG-----AAAASSNKSGG-----
SEQ ID NO:06
-FKEQEQQVVESSKNG-----AAAASSNKSGG-----
SEQ ID NO:08
SFQEATKQDNFSSGKGMKTENSSMQFSPEIASVQ-TNHSNGFQSDYGNYP-----PQS
SEQ ID NO:10
-YEDSKRKDELNS-----LQSLPPVTTSTQMSSQNGG--GSYSEYNNQCCPPS
SEQ ID NO:13
181
240
```

## FIGURE 1 CONTINUED

SEQ ID NO:06  
SEQ ID NO:08  
SEQ ID NO:10  
SEQ ID NO:13

\*\*\*  
-----GGNNKLEDGYNWRKYGQKQVKGSENPRSYKCTYNGCSMKKKVERSLADGRITQIVY  
-----GGNNKLEDGYNWRKYGQKQVKGSENPRSYKCTYNGCSMKKKVERSLADGRITQIVY  
QTLS--RRSDDGYNWRKYGQKQVKGSENPRSYKCTYPNCPTKKKVERSL-DGQITEIVY  
QTLREQRRSDDGYNWRKYGQKQVKGSENPRSYKCTHPNCPTKKKVERAL-DGQITEIVY  
241 300

SEQ ID NO:06  
SEQ ID NO:08  
SEQ ID NO:10  
SEQ ID NO:13

\*\* \*\*\*\*\* \* . \*\* \*  
KGAHNHPKPLSTAATPLPAPPPPA-----PTTSRRPARARTSTPPRRPRTP  
KGAHNHPKPLSTRNASSCATAAAC-----ADDLAAPGAGADQYSAATPENS  
KGTHNHPKQPONTRNSSNS-----SSLAIPHSNSIRTEIPDQSYATHSGSQMDSAATPENS  
KGAHNHPKQPOTRRSSSTASSASTLAAQSYNAPASDVPDQSYWSNGNGQMDSVATPENS  
301 360

SEQ ID NO:06  
SEQ ID NO:08  
SEQ ID NO:10  
SEQ ID NO:13

\*\*\*\*\* \*\* \*  
PSRSATTRPTTHRTAARA-----TSPKPSAGKEDADNEGSSGGMGAGGAGGNPVREPR  
SVTFGDDEADNASHRSEG-----DEPEAKRWKEDADNEGSSGGMGAGGAGKPVREPR  
SISIGDDDFEQSSQCKSGGDEYDEDEPDAKRWKIEGENEGMSA-----PGSRTVREPRV  
SISVGDDFEQSSQKRESGGDEFEDEPDAKRWKVENEGVSA-----QGSRTVREPRV  
361 420

SEQ ID NO:06  
SEQ ID NO:08  
SEQ ID NO:10  
SEQ ID NO:13

\*\*\*\* \*\*\*\*\* \*  
VVQTLSDIDILDNGFRWRKYGQKVVKGPNPRSYKCTTVGCPVRKHHVERASHDTRAVIT  
VVQTLSDIDILDGFRWRKYGQKVVKGPNPRSYKCTTVGCPVRKHHVERASHDTRAVIT  
VVQTTSDIDILDGYRWKYGQKVVKGPNPRSYKCTHPGCPVRKHHVERASHDLRAVIT  
VVQTTSDIDILDGYRWKYGQKVVKGPNPRSYKCTSQGCPVRKHHVERASHDIRSVIT  
421 480

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**FIGURE 1 CONTINUED**

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***** **
SEQ ID NO:06 TYEGKHNDVPV-RPRRRRTRPGAGVAYGWGR-----SGPTDV
SEQ ID NO:08 TYEGKHNDVPV--GRGGGGRAPAPPTSGA-----IRPSAV
SEQ ID NO:10 TYEGKHNDVPAARGSGSHSVNRPMPNNAASHHTTAATSVRLLPVIHQSDNSLQNRSA
SEQ ID NO:13 TYEGKHNDVPAARGSGSHGLNRG-ANPNNNAAMAMAIRPSTMSLQSNYPPIPISTRPMQ
481 540

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SEQ ID NO:06      AAAQQQPGYTLEMLPNPAGL-YGGYGAGA-----GGAAPP-RTKDERRDDLFVESLLC
SEQ ID NO:08      AAAQQQPGYTLEMLPNPAGL-YGGYGAGA-----GGAAPP-RTKDERRDDLFVESLLC
SEQ ID NO:10      PPEGQSPFTLEMLQSPGSFGFSGFNPMQSYVNQQQLSDNVFSSRTKEEPRDDMFLESLLC
SEQ ID NO:13      QGEGQAPY--EMIQGSGGFYSFGFNPMNAYANQIQ--DNAFS-RAKEEPRDDLFLDTLLA
                    541                                600

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